Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006008.D
Acq On : 25 Jun 2016 19:14
Operator : UM/SJ
Sample : PB91450BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK50

Quant Time: Jun 26 04:42:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:39:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	139833	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	736894	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	536886	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1486499	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2131591	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	2435126	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	8263	2.64	ng/uL	0.00
3) Phenol-d5	6.83	99	320495	21.79	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	212058	25.91	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	244807	23.89	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	274027	22.07	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	135479	24.15	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	152101	24.37	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	263553	22.01	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	434420	33.44	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1199060	26.09	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1320627	24.77	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	256103	26.12	ng/ul	0.00
21) Fluorene-d10	15.30	176	1004367	25.59	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	179867	21.80	ng/ul	0.00
26) Anthracene-d10	17.15	188	1778143	26.04	ng/ul	0.00
30) Pyrene-d10	19.45	212	2234292	23.93	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	2837874	25.81	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.07	128	861	0.02	ng/ul#	1
22) Fluorene	15.30	166	2121	0.05	ng/ul#	7
25) Phenanthrene	17.04	178	406	0.01	ng/ul#	1
27) Anthracene	17.16	178	291	0.00	ng/ul#	1
28) Fluoranthene	19.45	202	3212	0.03	ng/ul#	1
31) Pyrene	19.45	202	3212	0.03	ng/ul#	1
32) Benzo(a)anthracene	21.24	228	5465	0.04	ng/ul#	74
33) Chrysene	21.28	228	1276	0.01	ng/ul#	47
35) Benzo(b)fluoranthene	22.80	252	194	0.00	ng/ul#	1
36) Benzo(k)fluoranthene	22.81	252	136	0.00	ng/ul#	1
38) Benzo(a)pyrene	23.37	252	328	0.00	ng/ul#	1
40) Dibenzo(a,h)anthracene	26.07	278	732	0.01	ng/ul#	57

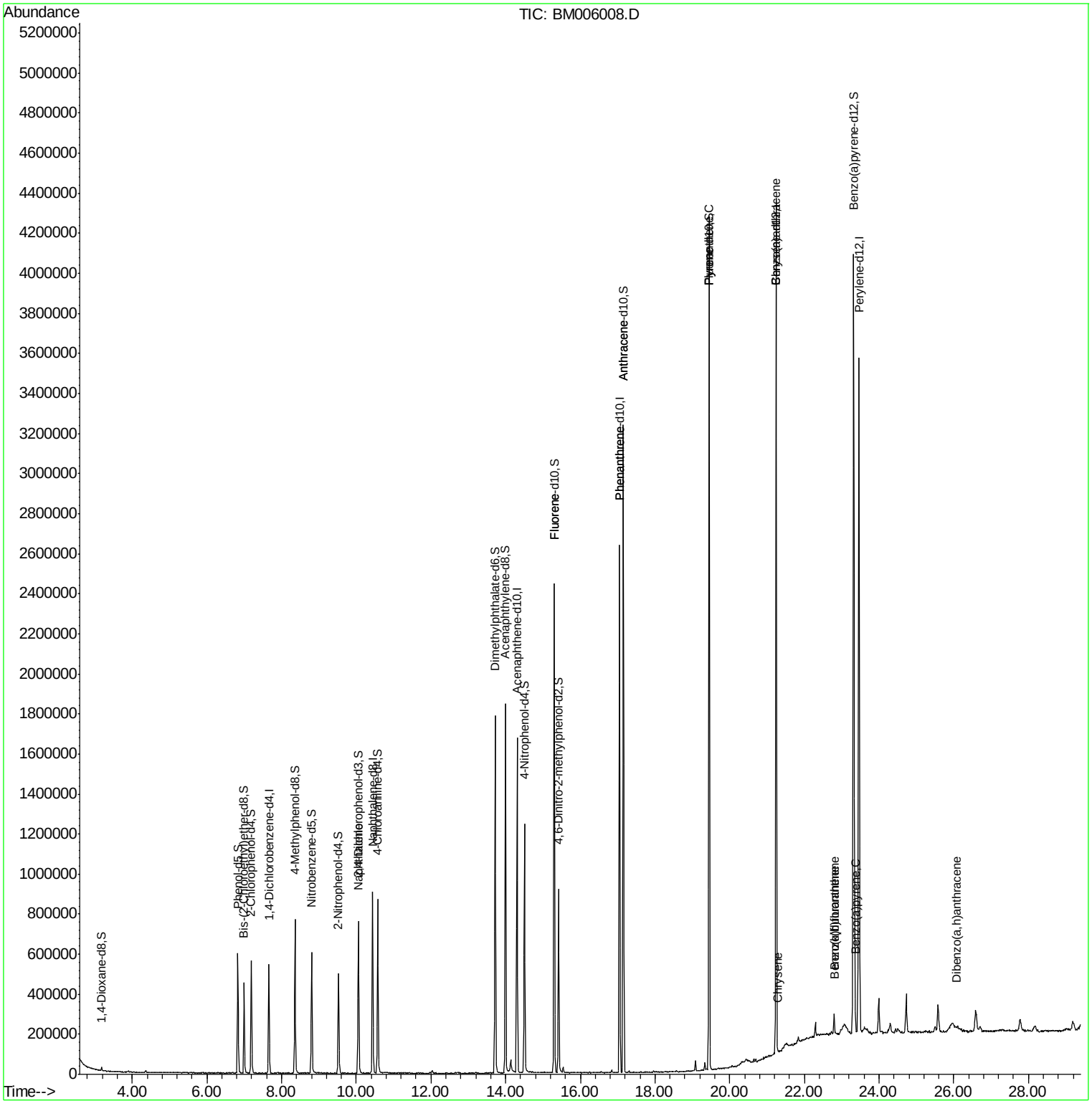
(#) = qualifier out of range (m) = manual integration (+) = signals summed

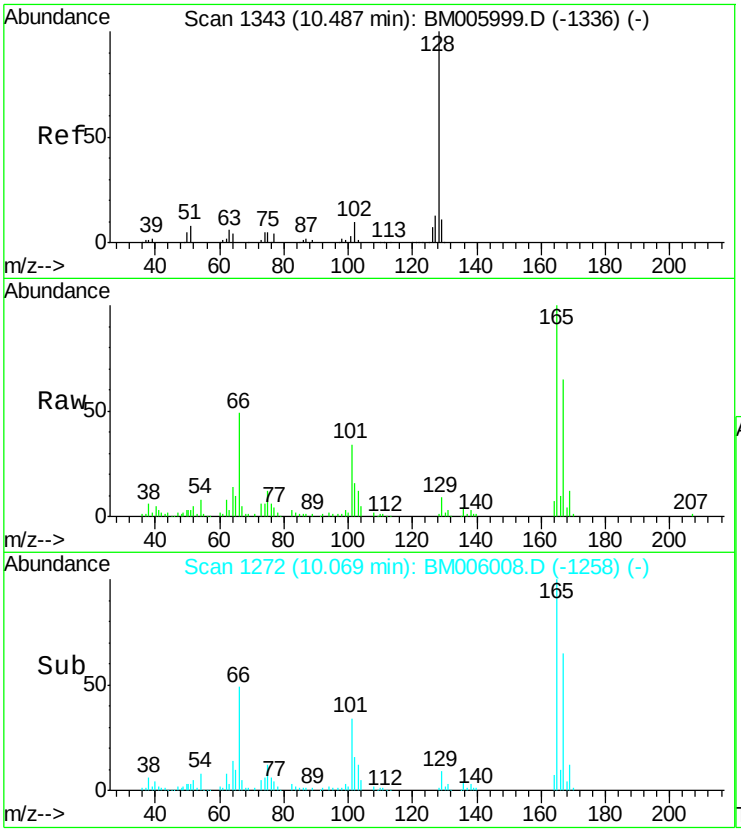
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006008.D
Acq On : 25 Jun 2016 19:14
Operator : UM/SJ
Sample : PB91450BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK50

Quant Time: Jun 26 04:42:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:39:40 2016
Response via : Initial Calibration



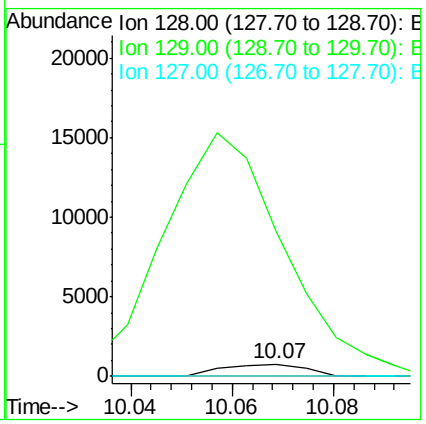


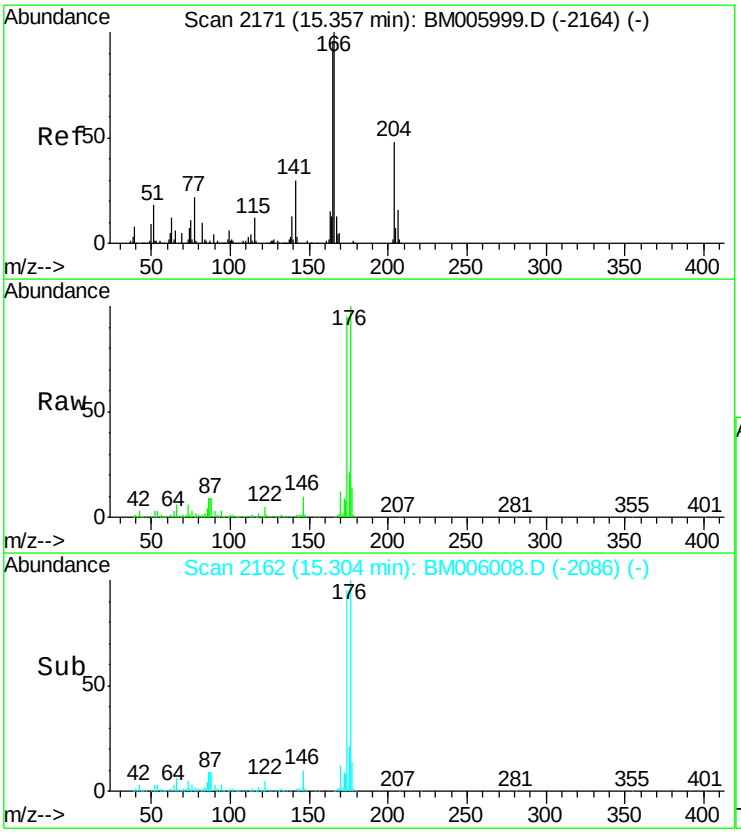
#11
Naphthalene
Concen: 0.02 ng/ul
RT: 10.07 min Scan# 1272
Delta R.T. -0.42 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Instrument :
BNA_M
ClientSampleId :
SBLK50

Tgt Ion:128 Resp: 861

Ion	Ratio	Lower	Upper
128	100		
129	1171.0	8.6	13.0#
127	0.0	10.2	15.4#

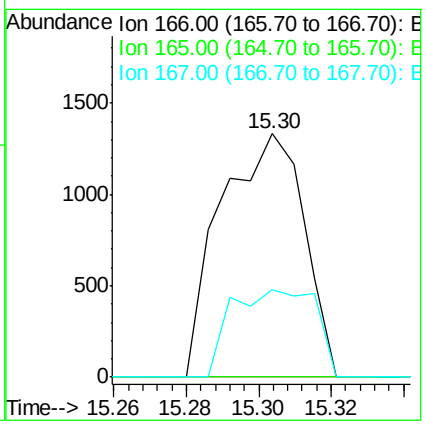


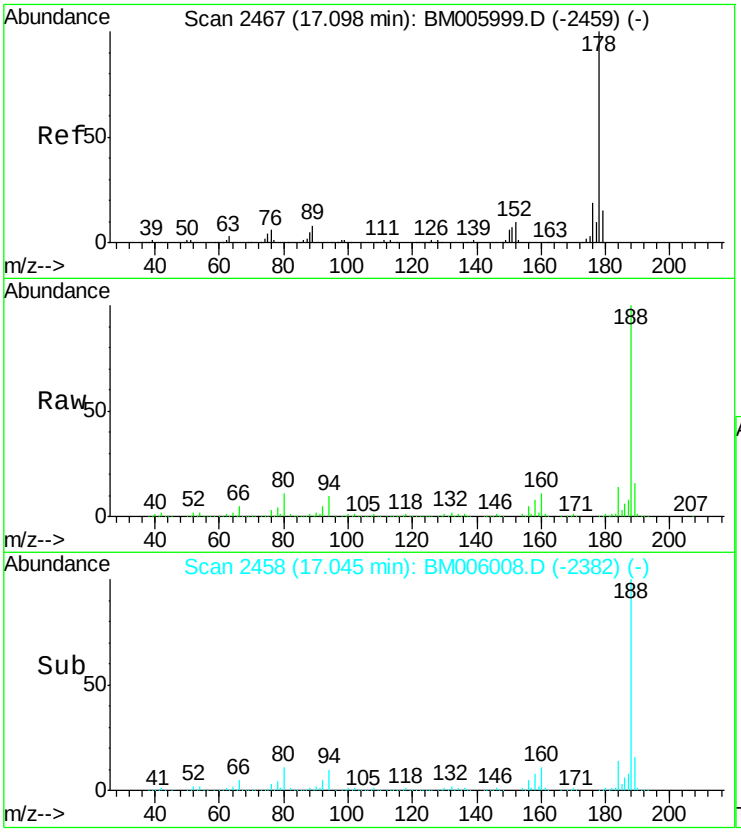


#22
Fluorene
Concen: 0.05 ng/ul
RT: 15.30 min Scan# 2162
Delta R.T. -0.05 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Tgt Ion:166 Resp: 2121

Ion	Ratio	Lower	Upper
166	100		
165	0.0	76.8	115.2#
167	35.8	10.8	16.2#



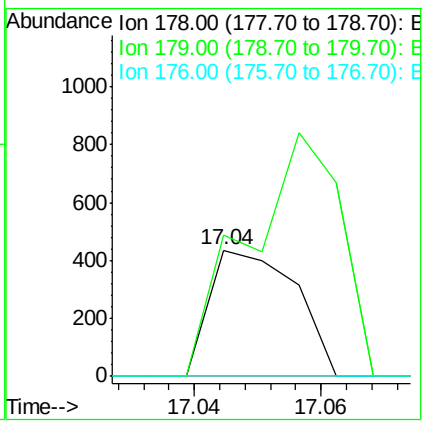


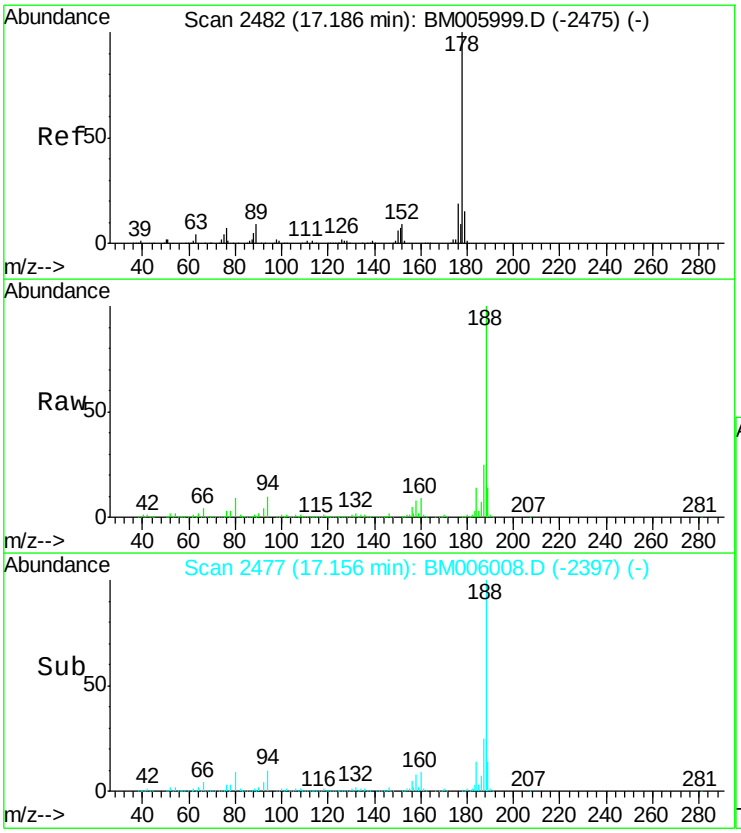
#25
Phenanthrene
Concen: 0.01 ng/ul
RT: 17.04 min Scan# 2458
Delta R.T. -0.05 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Instrument :
BNA_M
ClientSampleId :
SBLK50

Tgt Ion:178 Resp: 406

Ion	Ratio	Lower	Upper
178	100		
179	112.0	12.1	18.1#
176	0.0	15.4	23.0#

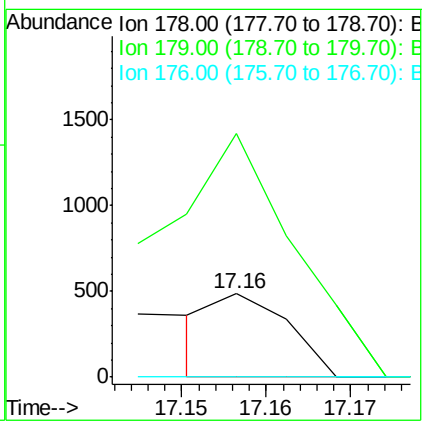


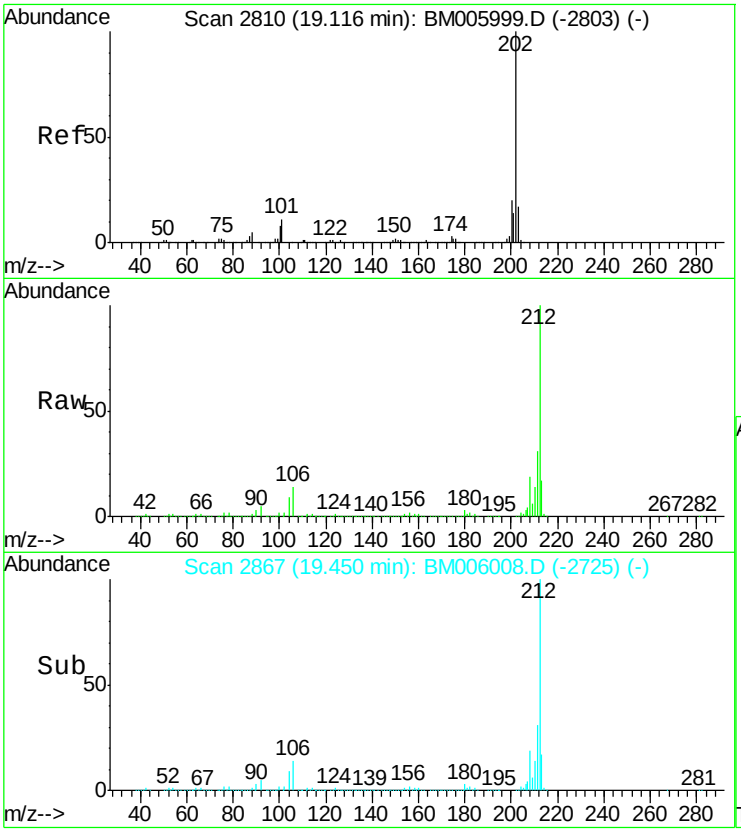


#27
Anthracene
Concen: 0.00 ng/ul
RT: 17.16 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Tgt Ion:178 Resp: 291

Ion	Ratio	Lower	Upper
178	100		
179	293.0	12.2	18.4#
176	0.0	14.9	22.3#



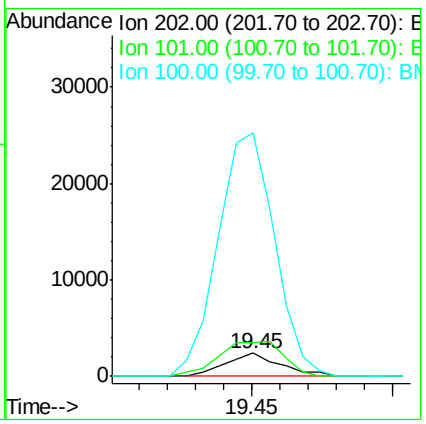


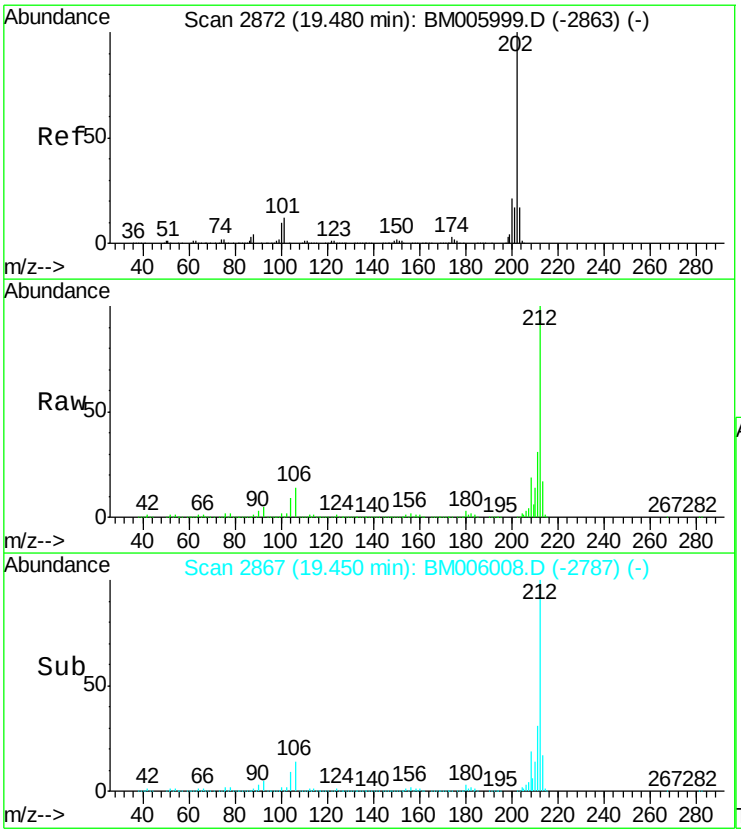
#28
Fluoranthene
Concen: 0.03 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.33 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Instrument :
BNA_M
ClientSampleId :
SBLK50

Tgt Ion:202 Resp: 3212

Ion	Ratio	Lower	Upper
202	100		
101	147.7	8.2	12.4#
100	1061.1	6.3	9.5#

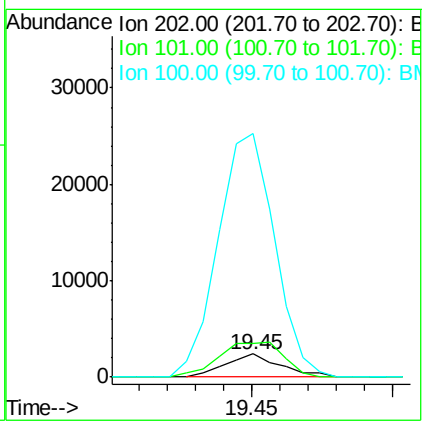


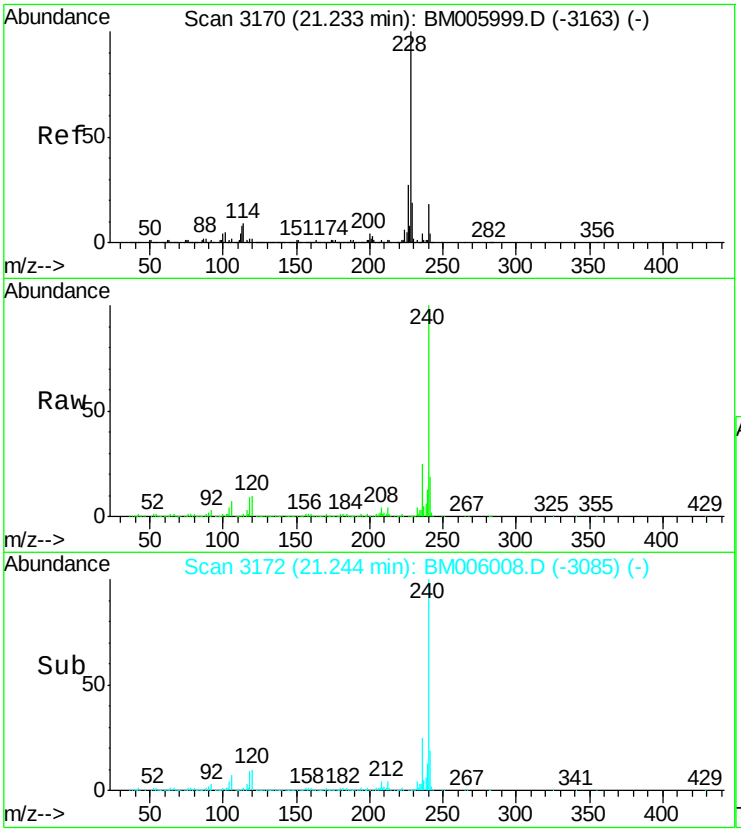


#31
Pyrene
Concen: 0.03 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. -0.03 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Tgt Ion:202 Resp: 3212

Ion	Ratio	Lower	Upper
202	100		
101	147.7	9.8	14.6#
100	1061.1	8.2	12.2#



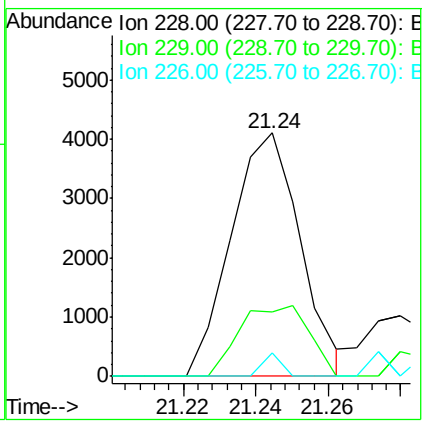


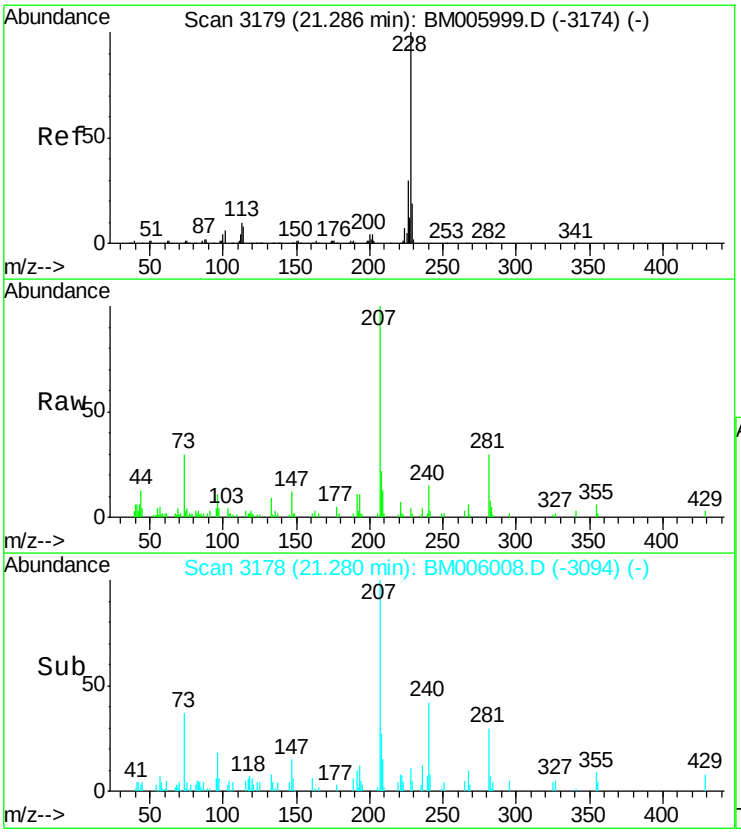
#32
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Instrument :
BNA_M
ClientSampleId :
SBLK50

Tgt Ion:228 Resp: 5465

Ion	Ratio	Lower	Upper
228	100		
229	26.5	15.8	23.6#
226	9.6	21.5	32.3#

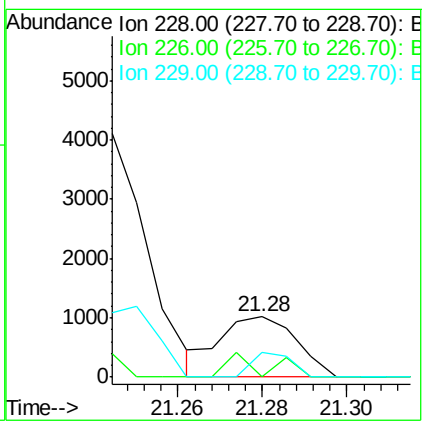


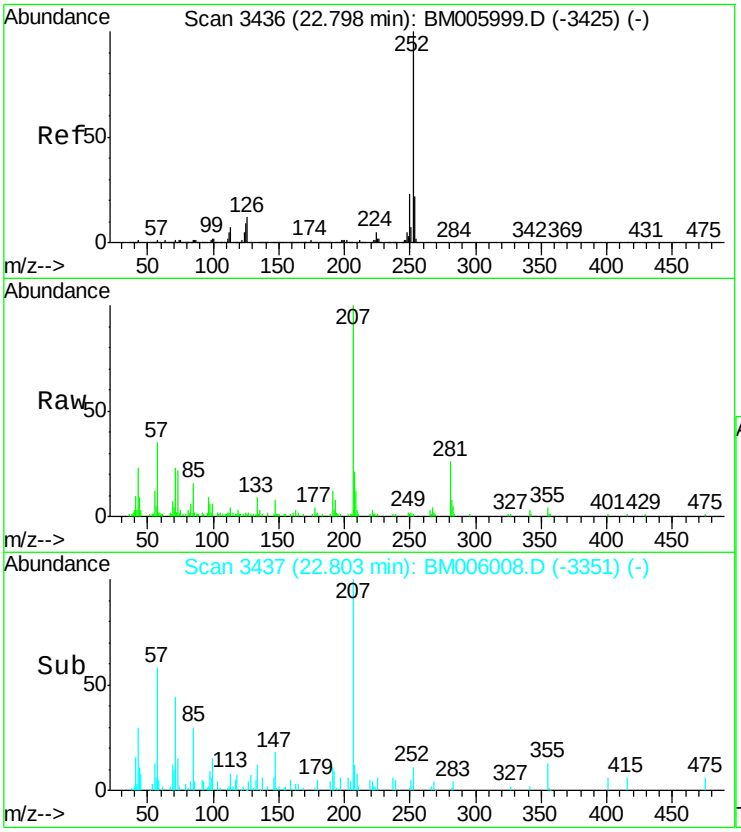


#33
Chrysene
Concen: 0.01 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Tgt Ion:228 Resp: 1276

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.3	36.5#
229	41.1	15.4	23.2#



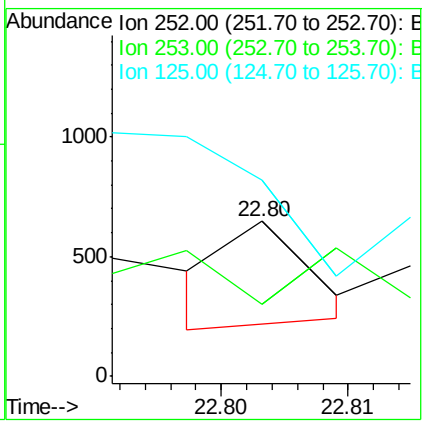


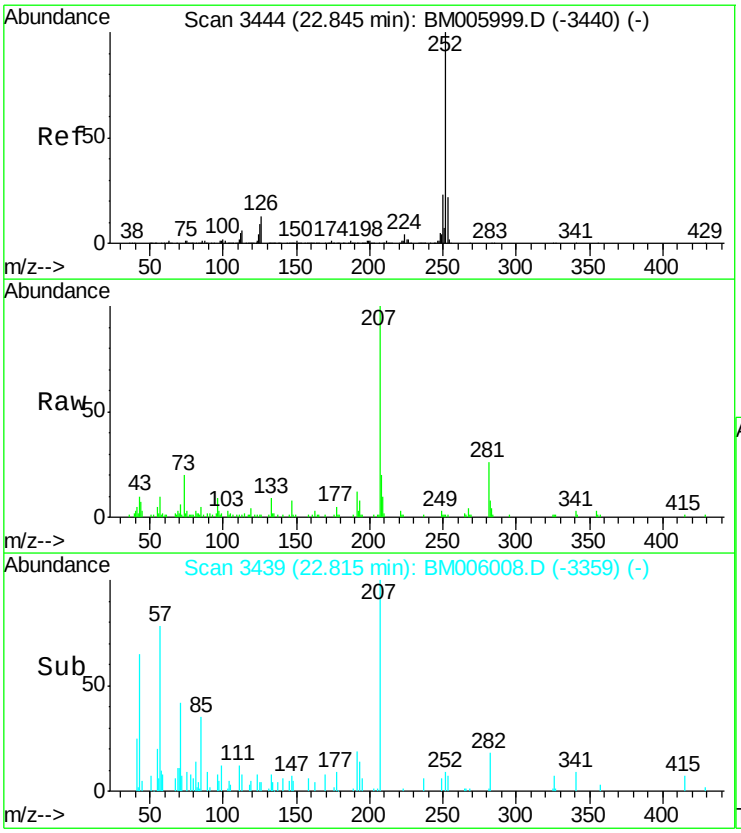
#35
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Instrument :
BNA_M
ClientSampleId :
SBLK50

Tgt Ion:252 Resp: 194

Ion	Ratio	Lower	Upper
252	100		
253	46.3	17.2	25.8#
125	126.4	6.8	10.2#

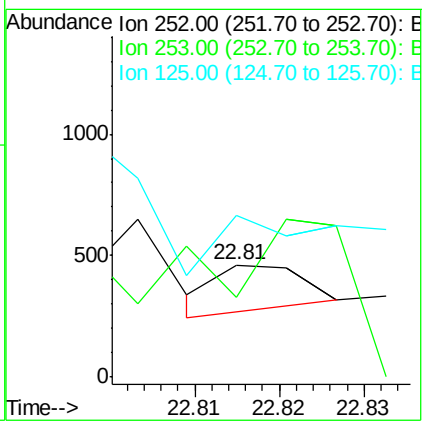


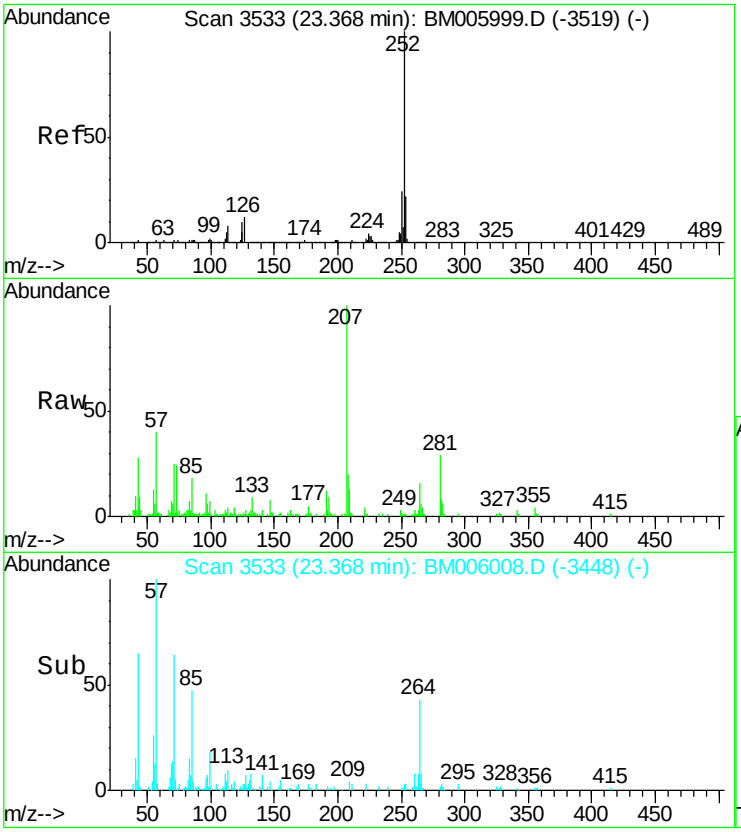


#36
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. -0.03 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Tgt Ion:252 Resp: 136

Ion	Ratio	Lower	Upper
252	100		
253	71.3	17.3	25.9#
125	144.8	7.0	10.4#



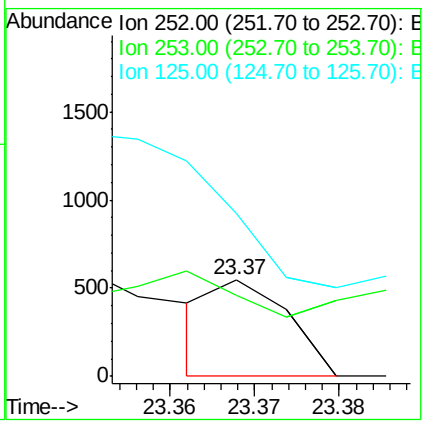


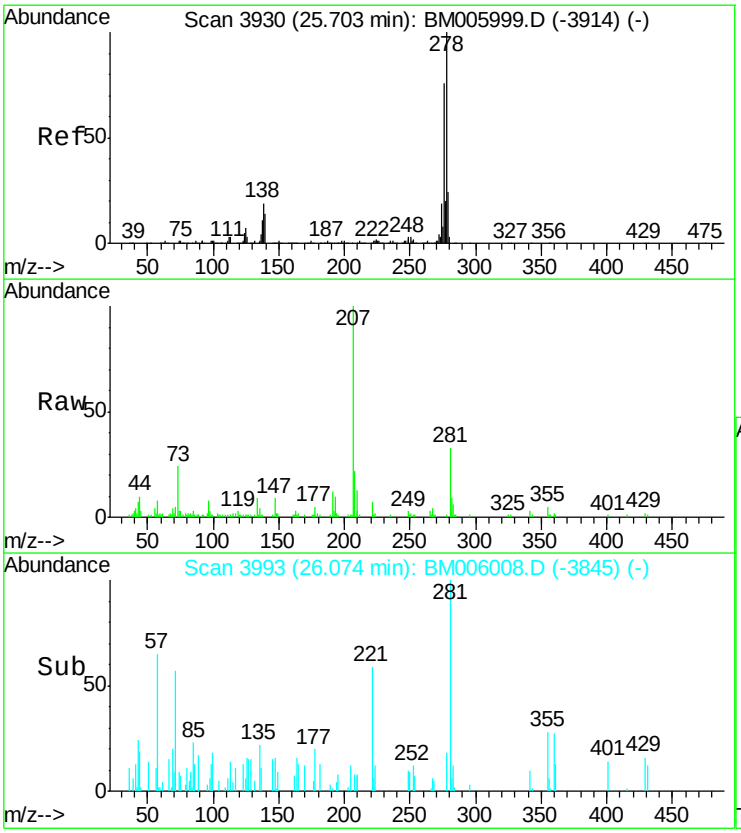
#38
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Instrument :
BNA_M
ClientSampleId :
SBLK50

Tgt Ion:252 Resp: 328

Ion	Ratio	Lower	Upper
252	100		
253	83.6	17.6	26.4#
125	168.4	7.8	11.6#





#40
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 26.07 min Scan# 3993
Delta R.T. 0.37 min
Lab File: BM006008.D
Acq: 25 Jun 2016 19:14

Tgt Ion:278 Resp: 732

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.4	17.2#
279	0.0	18.8	28.2#